

Electric Program Investment Charge (EPIC) Defining EPIC Strategic Goals

Strategic Goals Kickoff Workshop
August 16, 2023

California Public Utilities Commission (CPUC)

Energy Division, Climate and Equity Initiatives Section
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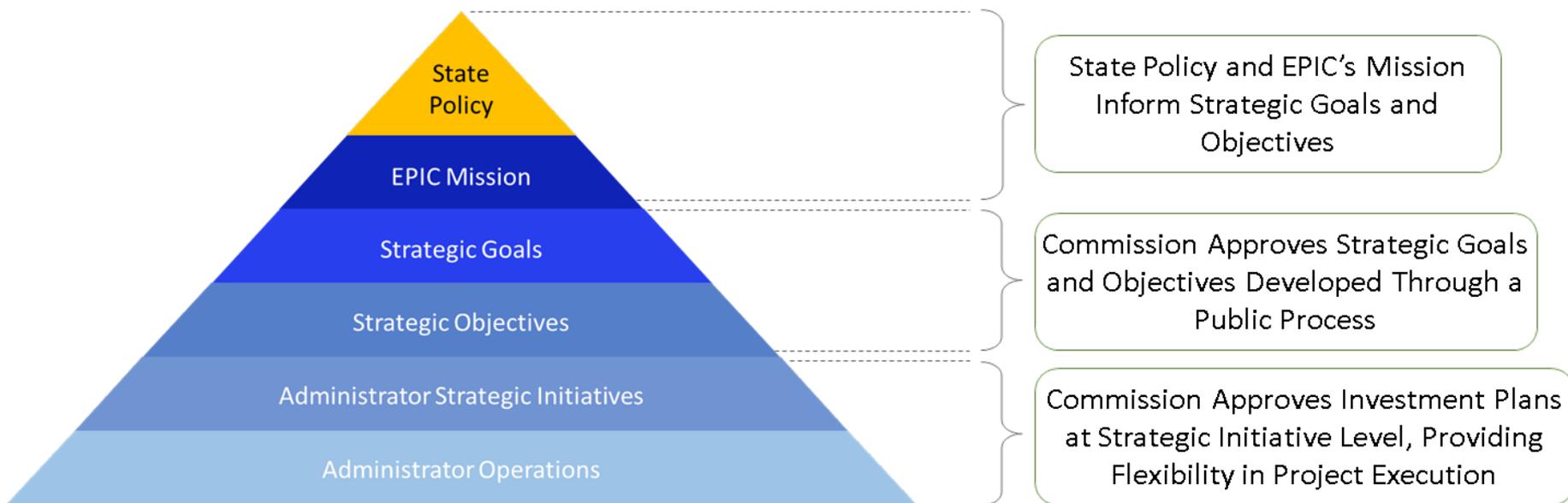
**California Public
Utilities Commission**

*The EPIC program is funded by California utility customers under the
auspices of the California Public Utilities Commission*

Basis for Establishing EPIC Strategic Goals

Decision (D.)23-04-042 directs a stakeholder process to inform CPUC guidance for measurable program-level EPIC strategic goals aligned with achieving the State's climate goals.

Strategic Goals focus EPIC investments and provide a basis for measuring progress



Distinguishing Types of Measurable Progress

Outputs

- Results of EPIC projects, the specific innovations accomplished, and insights gained.

Outcomes

- Observed results from actions taken, such as increased utility utilization and/or market deployment, i.e., outcomes are how outputs of EPIC projects have been put into practice on a wider scale.

Impacts

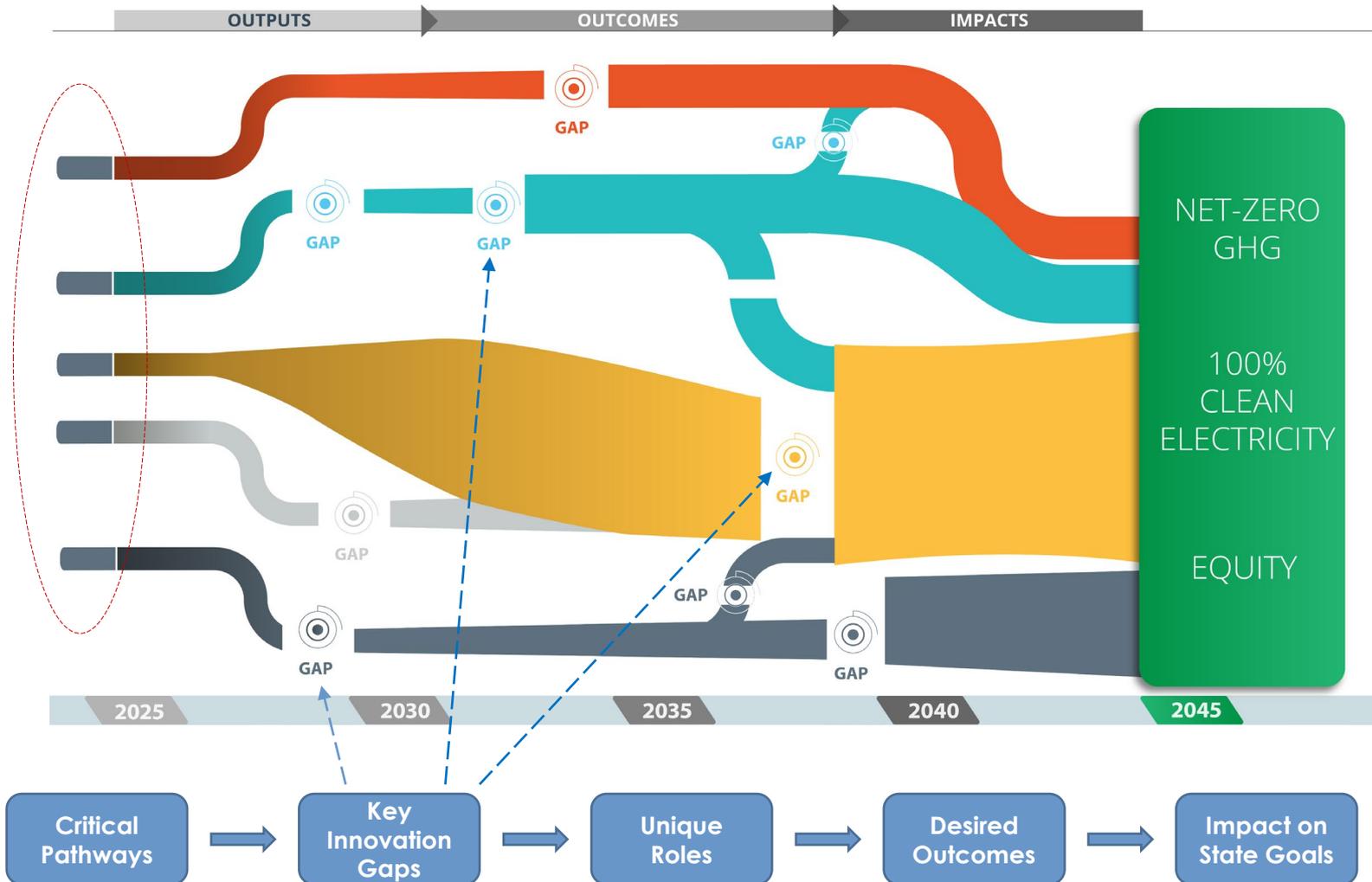
- Effects attributable to EPIC outputs and outcomes in meeting state goals. Impacts are reliant on other influences that are broader, deeper, and slower than those EPIC has direct influence over.

**Short Term:
EPIC Project
Completion**

**Mid-Term:
Deployment and
Market Uptake**

**Long-Term:
Systemic Impacts**

The Role of EPIC Strategic Goals in Achieving California's Climate Goals



Identifying Innovation Pathways Aligning with EPIC Guidance and State Goals

Equity

- How Equity is Incorporated in EPIC Portfolios
- Equity Frameworks and Principles
- Measuring Equity Benefits in RD&D

Grid Modernization

- Transportation Electrification
- Distributed Energy Resources Integration
- Reliability / Resilience
- Long-Duration Energy Storage
- Cybersecurity

Changing Paradigms Due to Electrification

- Building Decarbonization / Hydrogen usage
- Coordinated Role of Gas

New and Emerging Technologies

- Offshore Wind
- Green Hydrogen
- Carbon Capture, Use, and Sequestration
- Biomass

Straw Proposal
Prioritized Pathways to
Inform EPIC Portfolio
Priorities